

What are the benefits of Insecticide Resistance Management ?



SAVES MONEY

- Maintains the most effective products for longer periods
- Reduces the need to switch to more expensive or less preferred methods of control
- Maintains yield expectations and ensures sustainable production



SAVES TIME

- Less time spent in the field as the need for repeated applications is reduced
- Less effort and worry trying to achieve effective pest control



ENHANCES SAFETY OF PRODUCE

- Reduces need for repeat insecticide applications, minimizing residue risks on produce

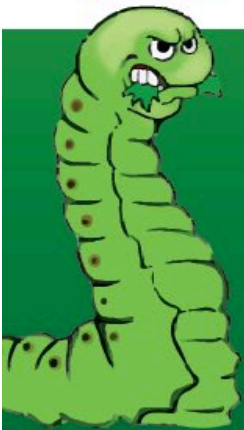


PROTECTS YOUR HEALTH AND LAND

- Resistance management practices increase worker safety and protects the environment



For more information on how to manage insecticide resistance effectively, please see the reverse of this leaflet or contact your local agricultural advisor.



IRAC
Insecticide Resistance Action Committee

www.irac-online.org

CropLife
INTERNATIONAL

www.croplife.org

KNOWING YOUR INSECTICIDE MODE OF ACTION IS THE KEY TO RESISTANCE MANAGEMENT

Do you know?

- Although there may be many insecticides available to growers, many control insects with the same mode of action
- When insecticides with the same mode of action are used repeatedly, insecticide resistance can develop quickly and the insecticide stops working

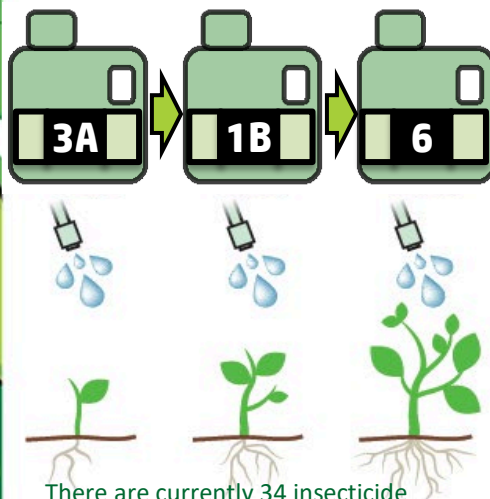
The insecticide mode of action can easily be identified by the IRAC mode of action classification label.

All insecticides which share the same number have the same or similar modes of action. Therefore, if resistance develops to one insecticide, it is likely that other insecticides from the same group will also be affected by the resistance.



Follow this rule

To prevent resistance, alternate insecticide with different mode of action numbers.



There are currently 34 insecticide modes of action identified, but not all are active against all insect pests

- Combine the use of chemical, biological and other pest control methods in an integrated pest management (IPM) program
- Scout for pests and apply only when economic thresholds are met
- Follow label instructions on the use of each insecticide product, including rates and water volumes
- Check and maintain spray equipment and replace spray nozzles when needed

- Target the most susceptible life stage of the pest insect
- Try to use insecticides which have a minimal impact on natural pest enemies
- Avoid using insecticides with similar mode of action when it is known that the target pests in your area have become resistant to them



Available for download:
IRAC Mode of Action App

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